

# PATENT SPECIFICATION



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## COMPLETE SPECIFICATION.

### Bicycle Lock.

- I, JACOB HENDRIK VAN VIERSEK, 112, <sup>inwards and outwards and inside of the</sup>  
 Valkenboschlaan, The Hague, Holland, <sup>latch there is a locking pin 9, which can</sup>  
 Electrician, do hereby declare the nature <sup>be pushed inwards and outwards and</sup>  
 of this invention and in what manner the <sup>which is pushed out to the right by spring</sup>  
 same is to be performed, to be particu- <sup>10.</sup> 50  
 larly described and ascertained in and by <sup>In the drawing slide 8 is shown in its</sup>  
 the following statement:— <sup>extreme right-hand position in which it is</sup>  
 This invention relates to a bicycle-lock <sup>locked by ball 11, which rests on the</sup>  
 of the kind having a bolt adapted to be so <sup>edges of two parallel circular plates 12</sup>  
 positioned as to be capable of being <sup>and 13. Each of these plates has a recess</sup> 55  
 pressed by a spring into a hole in the <sup>14 or 15 which, together, form a cup, in</sup>  
 inner crown tube to lock the steering <sup>which ball 11 can drop, when the plates 12</sup>  
 when an attempt is made to ride the <sup>and 13 are placed in the correct position.</sup>  
 bicycle away. <sup>The plates may be turned from the out-</sup>  
 15 The lock in accordance with this inven- <sup>side by means of knobs arranged with</sup> 60  
 tion has a slide which may be fixed <sup>markings after the manner of a letter</sup>  
 against movement by a locking-mechan- <sup>lock.</sup>  
 ism and which can be moved from the <sup>Slide 8 can be brought into its extreme</sup>  
 outside, and carries a spring pressed pin, <sup>forward position against the pressure of</sup>  
 20 which, when the slide is closed is pressed <sup>spring 10 and can be locked in that posi-</sup> 65  
 forwards by the spring relatively to the <sup>tion by means of ball 11. The locking</sup>  
 slide to the outside of the lock and is <sup>pin 9 then rests against the inner-tube of</sup>  
 retracted when the slide is opened. For <sup>the crown and spring 10 is compressed.</sup>  
 this purpose the lock contains a slide <sup>As soon as, due to movement of the steering</sup>  
 25 having a pin which can be pushed in- <sup>of the bicycle, the hole 17 in the inner</sup> 70  
 wardly and outwardly under the influence <sup>tube comes into line with the locking pin,</sup>  
 of a spring. When the slide is moved <sup>spring 10 forces this pin into the hole,</sup>  
 forwards and closed, the pin with the <sup>locking the two crown-tubes together</sup>  
 spring compressed presses against a <sup>thereby making it impossible to guide the</sup>  
 30 movable part of the bicycle, preferably <sup>bicycle. Locking pin 9, which cannot be</sup> 75  
 the crown-tube; the pin however does not <sup>reached from the outside, can only be re-</sup>  
 move forwards until the hole drilled in <sup>tracted together with latch 8, after ball 11</sup>  
 the part in question comes opposite the <sup>has dropped into the cup of the plates 12</sup>  
 pin, on movement of the bicycle. The <sup>and 13. The inner flange 18 of the latch</sup>  
 35 pin, which cannot be reached from the <sup>which is pressed backwards by the spring</sup> 80  
 outside, cannot be retracted, until the <sup>16 then takes the locking pin along by</sup>  
 slide is unlocked. <sup>means of the collar 19.</sup>  
 The drawing shows one construction of <sup>The backward motion of slide 8 is</sup>  
 the improved lock. <sup>limited by screw 20, which runs in a slot</sup>  
 40 In the drawing, 1 denotes the upper- <sup>21. Knob 22 serves as a handle for the</sup> 85  
 frame-tube 2 the outer and 3 the inner- <sup>slide, where it protrudes beyond the lock.</sup>  
 crown tube. <sup>It is clear that the ball-locking device</sup>  
 The lock is fastened to the upper-frame- <sup>is not essential for the invention; the</sup>  
 tube, or to the crown by straps 4, 5 and 6. <sup>locking of the slide can be effected by any</sup>  
 45 It contains a slide 8, which can be pushed <sup>other suitable lock.</sup> 90  
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Having now particularly described and ascertained the nature of my said invention and in what manner the same is to be performed; I declare that what I claim is:—

5 A bicycle lock of the kind set forth characterised by a spring pressed pin movable relatively to a slide which may be fixed against movement by a locking  
10 mechanism which can be moved from the

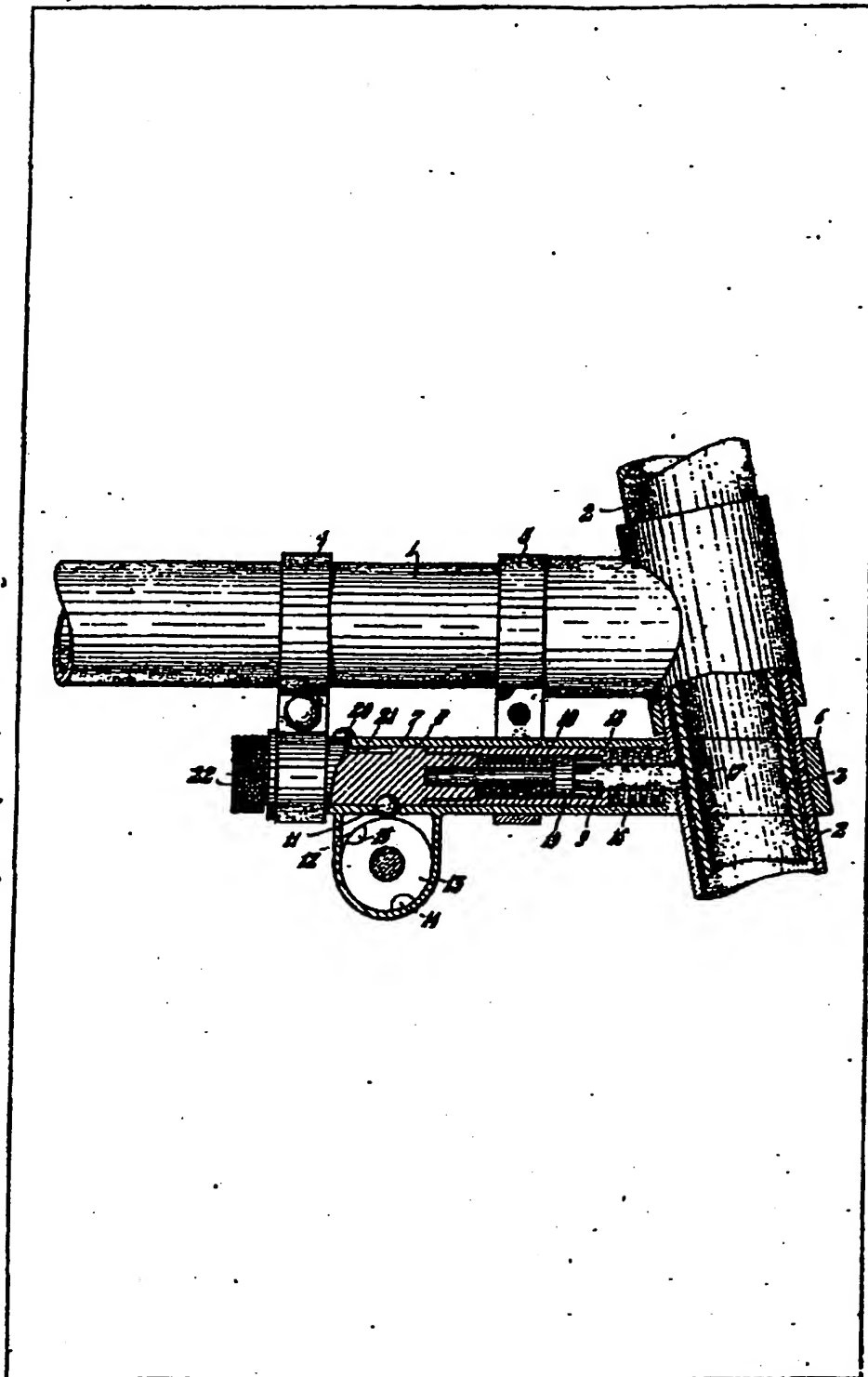
outside, the pin being pressed forward relatively to the slide when the latter is closed and being retracted when the slide is opened, substantially as described.

Dated this 27th day of January, 1920. 15  
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